

U.S. ENVIRONMENTAL PROTECTION AGENCY  
 POLLUTION/SITUATION REPORT  
 Portage Creek Area - Removal Polrep

US EPA RECORDS CENTER REGION 5



435908

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 Region V

**Subject:** POLREP #24  
 Progress  
 Portage Creek Area  
 059B05  
 Kalamazoo, MI  
 Latitude: 42.2839750 Longitude: -85.5791570

**To:** Sam Borries, U.S. EPA  
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 John Maritote, U.S. EPA  
 Mike Ribordy, U.S. EPA  
 Mark Mills, Michigan DNR  
 Daria Devantier, MDEQ  
 Paul Bucholtz, MDEQ  
 Bruce Merchant, Kalamazoo City  
 Debbie Jung, Kalamazoo City  
 Lisa Williams, U.S. FWS  
 Todd Goeks, NOAA  
 Valencia Darby, Department of Interior  
 Mark Johnson, ATSDR

**From:** Craig Thomas, On-Scene Coordinator

**Date:** 4/12/2013

**Reporting Period:** 3/30/2013 - 4/12/2013

## 1. Introduction

### 1.1 Background

<b>Site Number:</b>	059B05	<b>Contract Number:</b>	EP-S5-09-05
<b>D.O. Number:</b>	0087	<b>Action Memo Date:</b>	7/5/2011
<b>Response Authority:</b>	CERCLA	<b>Response Type:</b>	Time-Critical
<b>Response Lead:</b>	EPA	<b>Incident Category:</b>	Removal Action
<b>NPL Status:</b>	NPL	<b>Operable Unit:</b>	05
<b>Mobilization Date:</b>	9/26/2011	<b>Start Date:</b>	8/30/2011
<b>Demob Date:</b>		<b>Completion Date:</b>	
<b>CERCLIS ID:</b>	MID006007306	<b>RCRIS ID:</b>	NA
<b>ERNS No.:</b>		<b>State Notification:</b>	Yes
<b>FPN#:</b>		<b>Reimbursable Account #:</b>	

**1.1.1 Incident Category**  
 Fund-lead removal action

#### 1.1.2 Site Description

See POLREP #1

#### 1.1.2.1 Location

See POLREP #1

#### 1.1.2.2 Description of Threat

See POLREP #1

#### 1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

See POLREP #1

## 2. Current Activities

### 2.1 Operations Section

#### 2.1.1 Narrative

Contaminated sediment removal activities were completed in grids SA5A-1 and SA5A-2 between Dutton Street and Walnut Street. Excavation operations were suspended on April 10 due to heavy rainfall and will continue once creekwater is pumped out of the SA5A excavation area. SA5A-7 will not be excavated due to low levels of PCBs found during pre-construction investigatory sampling and proximity to the Walnut Street bridge support structure. Staging areas were established in SA3A and SA1B&C.

#### 2.1.2 Response Actions to Date

From March 30 to April 12, EPA and ERRS contractors conducted the following activities:

##### Site Activities - John Street Staging Area

- Removed gravel, graded and seeded access roadways on south and east ends of staging pad;
- Removed aggregate stockpiles for use in SA5A backfilling operations;
- Made repairs to mobile waste water treatment plant;
- Set up work area perimeter air monitoring for dust; and
- Received contaminated sediments from SA5A dredging operations.

##### Site Activities - SA5A

- Maintained engineering controls and water control systems around excavation area;
- Mobilized specialized excavation equipment and GPS control system to support dredging operations;
- Established work area perimeter air monitoring for dust;
- Completed contaminated sediment dredging operations in grids SA5A-1 and SA5A-2; and
- Loaded out contaminated sediments and transport to John Street staging pad.

GRID	TOTAL ESTIMATED EXCAVATION DEPTH (in)	FINAL CONFIRMATION PCB RESULT (mg/kg)
SA5A-1	57	1.9
SA5A-2	66	0.062

ND: non-detect    dup: duplicate sample location

##### Site Activities - SA3A

- Completed staging area and access road preparation on north and south banks of creek; and
- Established access control at E. Michigan Avenue entrance.

##### Project Management Activities

- Continued weekly progress meetings with City of Kalamazoo, including property owners upon request;
- Conducted pre-construction sampling and surveying in SA1B&C;
- Continued development of draft area specific restoration plans in SA5A, SA3A, SA1B & SA1C;
- Obtained consent to access from remaining property owners in SA1B & SA1C;
- Continued discussions with property owners in SA1A regarding consent to access;
- Finalized revisions to Traffic Control Plan, SA5/Axtell Creek Technical Memo, and Quality Assurance Plan (posted on website);
- Continued revisions to Soil Erosion and Sediment Control Plan; and
- Continued planning for removal operations in SA3A, SA1B&C.

**2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)**

See POLREP #1

**2.1.4 Progress Metrics**

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>
C&D Debris	solid waste	30.13 tons	NTSCA 221-D to NTSCA-222-D	disposal	C&C Landfill, Marshall, MI

**2.2 Planning Section**

A summary of removal activities that are anticipated to take place from April 13 to April 26 include:

Site Activities - John Street Staging Area

- Treatment of contact water from the staging pad sump with mobile wastewater treatment plant;
- Receive contaminated sediments from SA5A dredging operations; and
- Load out solidified sediments for transport and disposal at approved landfill facilities.

Site Activities - SA5A

- Maintain engineering controls and water control systems around excavation area;
- Continue work area perimeter dust monitoring;
- Continue contaminated sediment dredging operations in grids SA5A-3 to SA5A-6;
- Continue backfilling excavated grids SA5A-1 to SA5A-3 according to Restoration Plan; and
- Load out contaminated sediments and transport to John Street staging pad.

Project Management Activities

- Continue weekly progress meetings with City of Kalamazoo, including property owners upon request;
- Continue development of area specific restoration plans in SA5A, SA3A, SA1B & SA1C;
- Obtain consent to access from remaining property owners in SA1A;
- Conduct preliminary surveying in SA1A work area;
- Conduct pre-construction removal structure feature assessment in SA1C, SA1B and SA1A; and
- Continue planning for removal operations in SA3A, SA1C & SA1B.

**2.2.1 Anticipated Activities**

See POLREP #2

**2.2.1.1 Planned Response Activities**

See above

**2.2.1.2 Next Steps**

See above

**2.2.2 Issues**

None

**2.3 Logistics Section**

The current resources present on site during this reporting period include:

- Office trailers
- Portable restrooms & hand-washing stations
- Portable generators
- Submersible pumps
- Equipment storage container
- ERRS work crews and subcontractor work crews
- START sampling contractor
- Security subcontractor personnel
- Heavy equipment
- Water truck
- Street sweeper
- Mixing box

- Frac (water) tanks
- Pressure wash trailer
- Bypass pumps & piping
- Sheet piling
- Mobile wastewater treatment plant
- Monitoring Equipment
- Traffic control structures & roadway signage

## 2.4 Finance Section

### 2.4.1 Narrative

See table

#### Estimated Costs \*

	Budgeted	Total To Date	Remaining	% Remaining
<b>Extramural Costs</b>				
ERRS - Cleanup Contractor	\$8,389,265.00	\$6,466,000.00	\$1,923,265.00	22.93%
TAT/START	\$400,000.00	\$303,000.00	\$97,000.00	24.25%
<b>Intramural Costs</b>				
<b>Total Site Costs</b>	<b>\$8,789,265.00</b>	<b>\$6,769,000.00</b>	<b>\$2,020,265.00</b>	<b>22.99%</b>

\* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

## 2.5 Other Command Staff

### 2.5.1 Safety Officer

Craig Thomas, Paul Ruesch and Andrew Maguire serve as safety officer(s). The HASP is reviewed and signed by all site personnel. All new personnel, including sub-contractors, are provided a site orientation and safety briefing. Safety meetings are held each morning with all site workers.

### 2.6 Liaison Officer

Craig Thomas, Paul Ruesch and Andrew Maguire serve as liaison(s) with local officials and interested parties.

### 2.7 Information Officer

See Section 2.6

#### 2.7.1 Public Information Officer

See Section 2.6

#### 2.7.2 Community Involvement Coordinator

Don DeBlasio - U.S. EPA

## 3. Participating Entities

### 3.1 Unified Command

N/A

### 3.2 Cooperating Agencies

U.S. Environmental Protection Agency  
 Michigan Department of Environmental Quality  
 Michigan Department of Agriculture and Rural Development  
 Michigan Department of Natural Resources  
 U.S. Fish and Wildlife Service  
 City of Kalamazoo:  
     Department of Public Services  
     Parks and Recreation Department  
     Economic Development Department  
     Community Planning & Development  
     Public Safety Department  
     Fire Department  
     Police Department  
     ReDevelopment Department  
 Bronson Methodist Hospital  
 Kalamazoo Nature Center

### 4. Personnel On Site

U.S. EPA - 3  
 START contractor (Dynamac) - 1  
 ERRS contractor (Environmental Quality Management, Inc) - 11  
 Baker Corporation - 1  
 Fulton Trucking - 2

TOTAL PERSONNEL = 18

### 5. Definition of Terms

C&D - Construction and Demolition (waste)  
 ERRS - Emergency and Rapid Response Services  
 FOSC - Federal On Scene Coordinator  
 U.S. FWS - United States Fish and Wildlife Service  
 HASP - Health and Safety Plan  
 HDPE - High density polyethylene (plastic)  
 mg/kg - milligrams per kilogram  
 mg/m<sup>3</sup> - milligrams per cubic meter  
 MDARD - Michigan Department of Agriculture and Rural Development  
 MDEQ - Michigan Department of Environmental Quality  
 NA - Not Applicable  
 NOAA - National Oceanic and Atmospheric Administration  
 NPL - National Priorities List  
 NRDA - Natural Resource Damage Assessment  
 ntu - nephelometric turbidity units  
 PCB - polychlorinated biphenyl  
 ppm - parts per million  
 PRPs - Potentially Responsible Parties  
 RTK GPS - Real Time Kinematic Global Positioning System  
 SA - Slope Area  
 START - Superfund Technical Assessment and Response Team  
 U.S. EPA - United States Environmental Protection Agency

### 6. Additional sources of information

#### 6.1 Internet location of additional information/report

See the project website at <http://www.epaosc.org/portagecreekarea>.

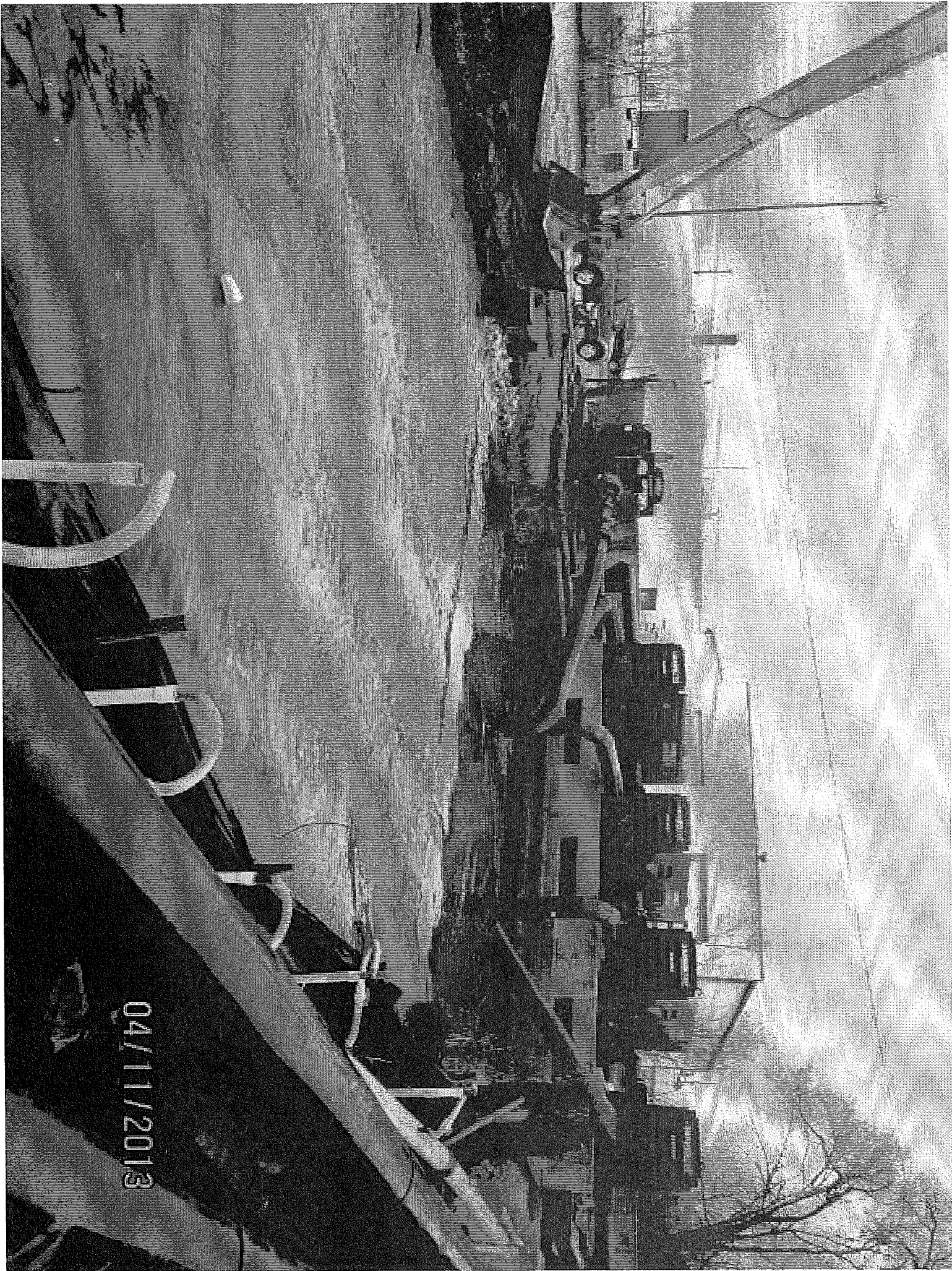
#### 6.2 Reporting Schedule

The next POLREP will be generated on April 26.

#### **7. Situational Reference Materials**

See the project website at <http://www.epaosc.org/portagecreekarea>.

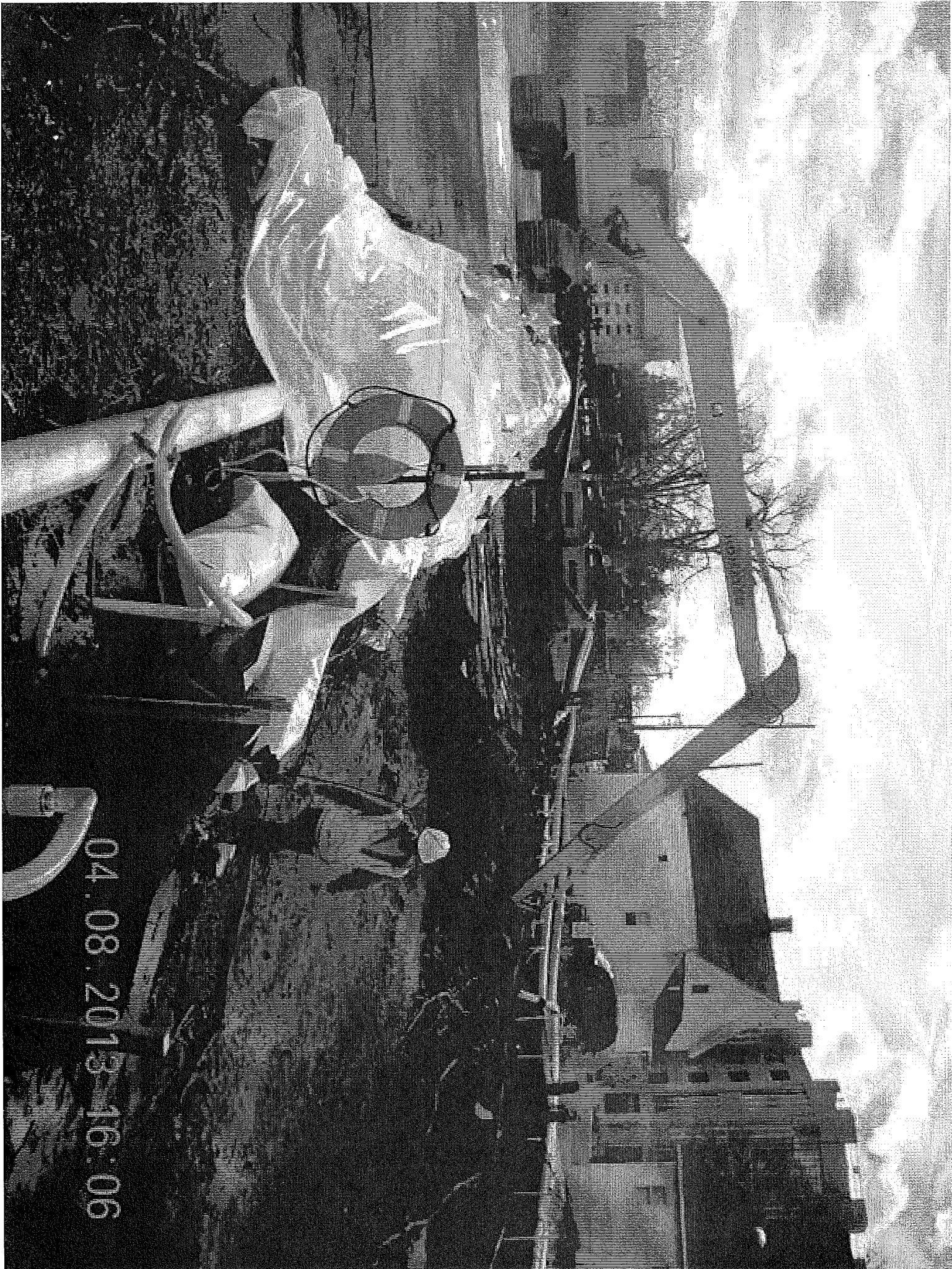
Additional information on the overall Kalamazoo River Project can be found at <http://www.epa.gov/Region5/cleanup/kalproject/index.htm>.











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